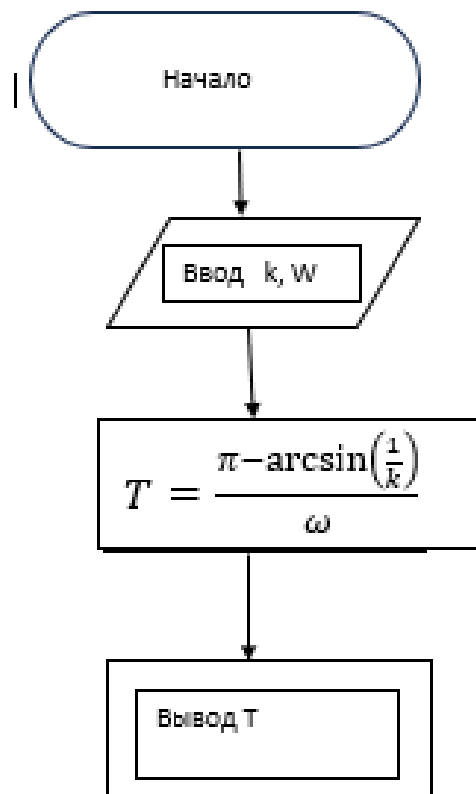


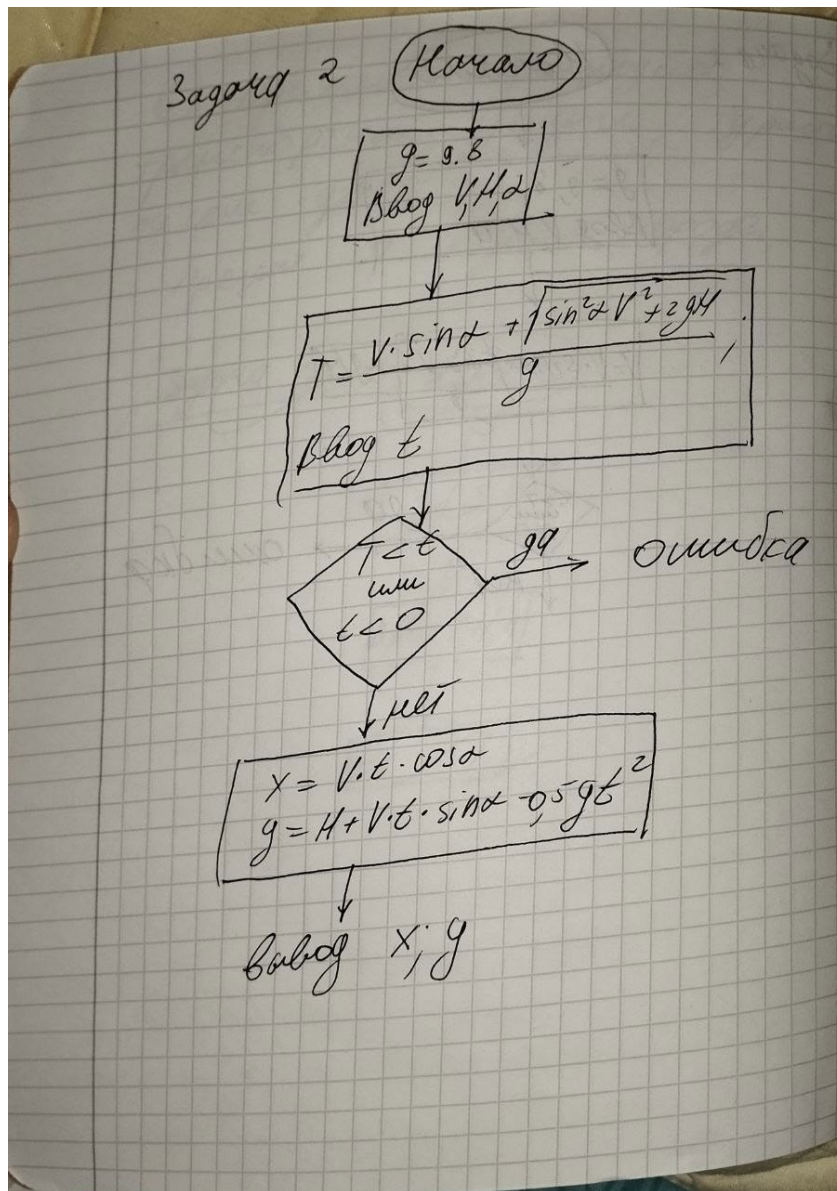
Задача 1



```
Homework > Задача_1.cpp > ...
1  #include <iostream>
2  #include <cmath>
3  using namespace std;
4  double T, k, w;
5  int main() {
6  cout << "Enter k" << endl;
7  cin >> k;
8  if (k < 1 || k == 0) {
9      cout << "error" << endl;
10     return 0;
11 }
12 else {
13     cout << "Enter the w" << endl;
14     cin >> w;
15     T = ((3.141 - asin(1/k))/w);
16     cout << " T = " << T << endl;
17     return 0;
18 }
19 }
```

ПРОБЛЕМЫ ВЫХОДНЫЕ ДАННЫЕ КОНСОЛЬ ОТЛАДКИ ТЕРМИНАЛ ПОРТЫ

```
PS C:\C++\Homework\output> g++ -o 'Задача_1.exe'
Enter k
10
Enter the w
20
T = 0.152042
PS C:\C++\Homework\output> cd 'c:\c++\Homework\output'
PS C:\C++\Homework\output> g++ -o 'Задача_1.exe'
Enter k
2
Enter the w
20
T = 0.13887
PS C:\C++\Homework\output> |
```

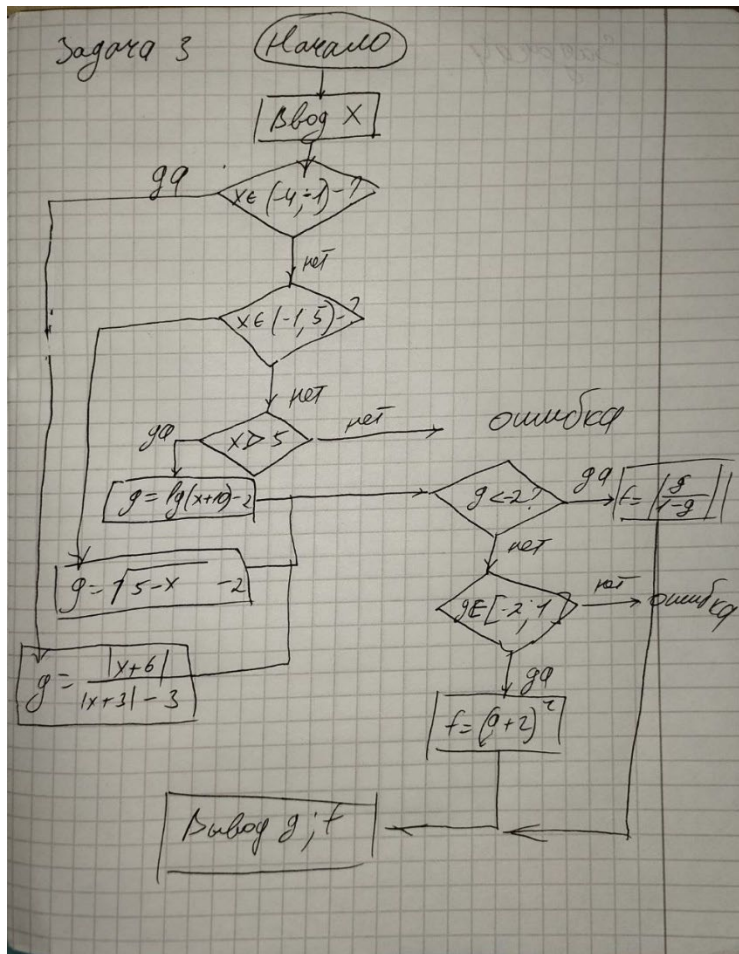


```

PS C:\C++\Homework\output> & .\'Задача_2.exe'
Enter Speed (m/s)
20
Enter Height (m)
15
Enter angle (Radians)
0.5
Time of fall is 2.98305s
Enter the time
2.5
Coords of the stone in that moment is: (43.8791m ; 8.34628m)
  
```

```

PS C:\C++\Homework\output> & .\'Задача_2.exe'
Enter Speed (m/s)
4
Enter Height (m)
2
Enter angle (Radians)
0.3
Time of fall is 0.770784s
Enter the time
0.6
Coords of the stone in that moment is: (2.29281m ; 0.945248m)
  
```



```
PS C:\C++\Homework\output> & .\'Задача_3.exe'
```

Enter x:

3

$g(x) = -0.585786$

$f(g(x)) = 2$

```
PS C:\C++\Homework\output> cd 'c:\C++\Homework'
```

```
PS C:\C++\Homework\output> & .\'Задача_3.exe'
```

Enter x:

2

$g(x) = -0.267949$

$f(g(x)) = 3$

Задача 4

```
PS C:\C++\homework\output> .\ Задача_4.exe
Enter the cost of goods
14598
Enter product category (A, B or C):
B
Choose your client category:
1-Best
2-Good
3-Medium
4-Bad
1
Choose payment method
1-Cash
2-Check
3-Bank loan
3
Enter the number of payments (1-6)
5
Enter the type of loan
1-Platinum
2-Buisness
2
Final cost of goods is 11282.2
```

```
Enter the cost of goods
20000
Enter product category (A, B or C):
B
Choose your client category:
1-Best
2-Good
3-Medium
4-Bad
1
Choose payment method
1-Cash
2-Check
3-Bank loan
2
Enter the number of contributions

5
Enter the interest rate (3 % - 15 %)
7
Final cost of goods is 14000
PS C:\C++\Homework\output> █
```